

# (12) UK Patent Application (19) GB (11) 2 102 292 A

- (21) Application No 8223605
- (22) Date of filing 16 Dec 1981
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- (31) 3047774
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2 Feb 1983
- (51) INT CL<sup>3</sup>  
(As given by ISA)  
A61K 7/32 A61L 9/01
- (52) Domestic classification  
A5B FG
- (56) Documents cited by ISA  
DE, A, 2623652  
Chemical Abstracts, Vol.  
89, No. 2, abstract 11983m  
FR, A, 2310800  
FR, A, 2455068  
DE, A, 2737070  
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89, No. 4, abstract  
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79, No. 10, abstract  
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FR, A, 2368509  
FR, A, 2164801  
US, A, 3939099  
US, A, 4252789
- (58) Field of search by ISA  
INT CL<sup>3</sup> A61K 7/00; A61L  
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## (54) Use of polyethylene imine as absorbant for odorous substances

(57) Use of polyethylene imine as absorbant for odorous substances, in particular fatty acids, aldehydes and ketones. The degree of polymerization of the polyethylene imine used is selected so that the polyethylene imine is, on the one hand, toxicologically harmless and preferably exhibits, on the other hand, a sufficient solubility in an aqueous

medium. In a preferred embodiment, aqueous solutions of polyethylene imine having a concentration rate of 0.1 to 10%, are used. Another preferred utilization consists in impregnating with polyethylene imine materials which are later contacted with odorous substances. The invention is applicable to cosmetology, body hygiene, technical deodorization and air sweetening. A particularly important field of application of the invention is the deodorization of purification plants.

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## ERRATUM

### SPECIFICATION NO 2102292A

ront page, Heading (72) Inventor *below* Inventor *delete* whole lines *insert* Holger Meyer

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